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**FACSIMILE MESSAGE****RECEIVED  
CENTRAL FAX CENTER****MAR 26 2004****OFFICIAL**

Date: **25 March, 2004**  
To: **Group Art Unit 2622**  
Fax No.: **0011 1 703 872 9306**  
Subject: **United States Patent Application No. 09/575,119**  
**Inventors/Assignors: Simon Robert Walmsley and Paul Lapstun**  
**Assignee: SILVERBROOK RESEARCH PTY LTD**  
Our Ref: **PP07US**

Total Number of Pages (including this): **7**

Attached is a reply to the "Informality Re Payment of Fee" dated March 3, 2004 of Examiner Iraj A. Rahimi.

Regards

Kia Silverbrook  
Silverbrook Research Pty Ltd**RECEIVED  
MAR 26 2004  
GIPE/JCWS**

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PTO/SB/21 (02-04)  
 Approved for use through 07/31/2008. OMB 0851-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/575,119	
	Filing Date	May 23, 2000	
	First Named Inventor	Simon Robert Walmsley	
	Art Unit	2822	
	Examiner Name	Iraj A. Rahimi	
Total Number of Pages in This Submission	9	Attorney Docket Number	PP07US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Reply to Informality Re Payment of Fee
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Simon Robert Walmsley and Paul Lapstun		
Signature	<i>Simon Walmsley</i>		
Date	March 25, 2004		

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Simon Robert Walmsley and Paul Lapstun		
Signature	<i>Simon Walmsley</i>	Date	March 25, 2004

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$122.00)

## Complete if Known

Application Number	09/575,119
Filing Date	May 23, 2000
First Named Inventor	Simon Robert Walmsley
Examiner Name	Iraj A. Rahimi
Art Unit	2622
Attorney Docket No.	PP07US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	20** = 2	18	
Multiple Dependent	3** = 1	86	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$122.00)

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 85	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) Simon Robert Walmsley and Paul Lapstun

Registration No. (Attorney/Agent)

(Complete if applicable)

Telephone +91298186833

Signature

Date

March 25, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## In the United States Patent and Trademark Office

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MAR 26 2004

OFFICIAL

Serial Number: 09/575,119  
Application. Filed: May 23, 2000  
Applicant: Simon Robert Walmsley and Paul Lapstun  
Application. Title: CONTROLLER FOR A PRINTER MODULE  
Examiner/GAU: Iraj A. Rahimi/2622

Dated March 25, 2004  
At: Balmain, NSW, Australia  
Docket No. PP07US

#8  
K Davis  
4-6-04

## REPLY TO INFORMALITY RE PAYMENT OF FEE

Commissioner for Patents  
Washington, District of Columbia 20231

Dear Sir:

In reply to the Notice to "Informality Re Payment of Fees" mailed March 3, 2004, the Applicant respectfully advises the following:

- Applicants confirm that 2 new claims have been added (claims 29 and 30) and that the amount due for both claims is:

\$36.00

and not \$86.00 as incorrectly calculated on Informality Re Payment of Fee sheet.

- Applicants confirm that 1 new independent claim has been added (claim 30) and that the amount due for that claim is:

\$86.00

and not \$145.00 as incorrectly calculated on Informality Re Payment of Fee sheet..

04/01/2004 ZJUHR1 00000062 09575119

01 FC:1201 86.00 OP  
02 FC:1202 36.00 OP

2

We attach the following documents:

- Copy of claim page 32
- Copy of Informality Re Payment of Fee
- Our payment for a total amount of:

**\$122.00**

Very respectfully,

Applicants:

  
SIMON ROBERT WALMSLEY



PAUL LAPSTUN

C/o: Silverbrook Research Pty Ltd  
393 Darling Street  
Balmain NSW 2041, Australia

Email: [kia.silverbrook@silverbrookresearch.com](mailto:kia.silverbrook@silverbrookresearch.com)

Telephone: +612 9818 6633

Facsimile: +61 2 9555 7709

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**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

 Address : COMMISSIONER OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
	7

DATE MAILED:

**INFORMALITY RE PAYMENT OF FEE**

The informality regarding the payment of the fee in connection with ☐ the original filing fee ☒ the amendment filed 2-27-2004 is indicated below.

**A. FEE DUE**

1. ☐ The amendment is considered incomplete in that the funds in Deposit Account No. \_\_\_\_\_ are insufficient to cover the entire fee due. The balance is due within the period set below.
2. ☐ The amendment is considered an incomplete response, in that payment of \$ \_\_\_\_\_ is insufficient to cover the claims as shown in the attached Patent Application Fee Determination Record. Remittance is due within the period set below.
3. ☒ The amendment has not been entered, since applicant has failed to remit (or authorize charge to a Deposit Account) the fee as indicated on the attached Patent Application Fee Determination Record. Remittance or authorization is due within the period set below.
4. ☐ The filing fee of \$ \_\_\_\_\_ submitted in this application is insufficient.  
A balance of \$ \_\_\_\_\_ is due for additional claims.
5. ☐ \_\_\_\_\_

APPLICANT IS GIVEN THE REMAINDER OF THE SET PERIOD FOR RESPONSE, OR ONE (1) MONTH FROM THE DATE OF THIS LETTER, WHICHEVER IS LONGER, WITHIN WHICH TO REMIT THE FEE OF \$ 231.00.

**B. EXCESS PAYMENT:**

5. ☐ It is noted that payment of \$ \_\_\_\_\_ is in excess of the amount necessary to cover the claims now in the application. See the attached Patent Application Fee Determination Record.  
This matter of refund or credit to your account is being referred to the Finance Officer, for his consideration.

CLERK OF GROUP

PTOL-319 (REV. 3-82)

USCOMM-DC 82-3838-P82

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

Application or Docket Number

9/575,119

## CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	28 minus 20 =	8
INDEPENDENT CLAIMS	3 minus 3 =	—
MULTIPLE DEPENDENT CLAIM PRESENT		

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	30 Minus	28	= 2
Independent	1 Minus	3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	Minus		=
Independent	Minus		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

(Column 1)

(Column 2)

(Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	Minus		=
Independent	Minus		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

If the number in column 1 is less than the number in column 2, enter 0 in column 3.

If the Highest Number Previously Paid For in this space is less than 20, enter 20.

If the Highest Number Previously Paid For in this space is less than 3, enter 3.

Do not enter a Highest Number Previously Paid For (total or independent) if the Highest Number Entered in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR

OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
	345.00	OR		690.00
X\$ 9=	72	OR	X\$18=	
X39=	/	OR	X78=	
+130=	/	OR	+260=	
TOTAL	417	OR	TOTAL	

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=	72	OR	X\$18=	
X39=	145	OR	X78=	
+130=	/	OR	+260=	
TOTAL ADDIT. FEE	231	OR	TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
	7

DATE MAILED:

INFORMALITY RE PAYMENT OF FEE

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A. FEE DUE

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2. ☐ The amendment is considered an incomplete response, in that payment of \$ \_\_\_\_\_ is insufficient to cover the claims as shown in the attached Patent Application Fee Determination Record. Remittance is due within the period set below.
3. ☒ The amendment has not been entered, since applicant has failed to remit (or authorize charge to a Deposit Account) the fee as indicated on the attached Patent Application Fee Determination Record. Remittance or authorization is due within the period set below.
4. ☐ The filing fee of \$ \_\_\_\_\_ submitted in this application is insufficient.  
A balance of \$ \_\_\_\_\_ is due for additional claims.
5. ☐

APPLICANT IS GIVEN THE REMAINDER OF THE SET PERIOD FOR RESPONSE,  
OR ONE (1) MONTH FROM THE DATE OF THIS LETTER, WHICHEVER IS LONGER,  
WITHIN WHICH TO REMIT THE FEE OF \$ 231.00.

B. EXCESS PAYMENT:

5. ☐ It is noted that payment of \$ \_\_\_\_\_ is in excess of the amount necessary to cover the claims now in the application. See the attached Patent Application Fee Determination Record.

This matter of refund or credit to your account is being referred to the Finance Officer, for his consideration.

CLERK OF GROUP



- 32 -

COPY

29. (New) A controller for a printer module having an ink cartridge and a printhead that prints an image on printable media with ink from the ink cartridge, said controller comprising:

5 a central processing unit;

program memory associated with said central processing unit, said program memory storing program steps for execution by said central processing unit to operate said printer module to print said image;

10 two or more interface units communicating with components of said printer module, at least a first said interface unit connecting to an authentication means in the ink cartridge and at least a second interface unit connecting to an authentication means in the printer module;

image storage memory storing said image; and

15 an image access unit in communication with said image storage memory, said central processing unit and a printhead interface, said image access unit accessing said image in said image storage memory and transferring said image to said printhead interface on command from said central processing unit;

wherein said printhead interface transforms said image for printing by the printhead.

20

30. (New) The controller of claim 29 wherein said authentication means in the ink cartridge is a first QA chip and said authentication means in the printer module is a second QA chip.

25

PP07US